

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An insert conductor comprising:

a conductor having a wiring section with a plurality of wires, an outer frame surrounding the wiring section, and connections connecting said outer frame and said wiring section and interconnecting said wires; and

a deformation preventer provided on both upper and lower surfaces of said conductor and completely covering at least an end of both upper and lower surfaces of said wires, said deformation preventer being operable to prevent at least the end of the wires from being deformed during a cutting or an insert resin molding procedure.

2. (previously presented): The insert conductor according to claim 1, wherein said

conductor is formed by stamping a single metal sheet.

3. (previously presented): The insert conductor according to claim 1, wherein said

deformation preventer includes an engaging portion operable to engage a discrete wire.

4. (previously presented): The insert conductor according to claim 3, wherein said

discrete wire is included in said conductor.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/045,799

5. (previously presented): The insert conductor according to claim 3, wherein said discrete wire is a connector terminal of a brush holder.

6. (previously presented): The insert conductor according to claim 1, wherein said deformation preventer is composed of polyphenylene sulfide resin.

Claims 7 and 8 (canceled).

9. (currently amended): A vehicle generator comprising:
a fan which generates airflow;
a regulator;
a stator coil;
a brush holder; and
a ventilation guide fixed to a peripheral portion of said brush holder, said ventilation guide operable to guide airflow, generated by said fan, to said regulator and said stator coil;
wherein, said brush holder includes,
a conductor with a wiring section composed of a plurality of wires, an outer frame surrounding the wiring section, and connections connecting said outer frame and said wiring section and which interconnect said wires; and
an insulating member disposed on at least an end of both top and bottom surfaces of the wires, said insulating member completely covering the end of the wires and being operable to

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/045,799

prevent at least the end of the wires from being deformed during a cutting or an insert resin molding procedure.

10. (original): The vehicle generator according to claim 9, wherein said conductor is formed by stamping a single metal sheet.

11. (previously presented): The vehicle generator according to claim 9, wherein said insulating member includes an engaging portion operable to engage a discrete wire.

12. (original): The vehicle generator according to claim 11, wherein said discrete wire is included is said brush holder.

13. (original): The vehicle generator according to claim 11, wherein said discrete wire is a connector terminal of said brush holder.

14. (original): The vehicle generator according to claim 9, wherein said insulating member is composed of polyphenylene sulfide resin.

Claims 15-20 (canceled).

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/045,799

21. (currently amended): A brush holder used in a vehicle charging system, the brush holder comprising:

an insert conductor with a plurality of wires;

a deformation preventer provided on both top and bottom surfaces of said insert conductor, said deformation preventer completely covering ~~being operable to prevent~~ an end of at least some of the plurality of wires and being operable to prevent the end of the wires from being deformed; and

a coating covering said insert conductor and said deformation preventer, including the end of the wires.

22. (previously presented): A brush holder as claimed in claim 21 wherein said deformation preventer comprises polyphenylene sulfide.

23. (previously presented): A brush holder as claimed in claim 21 wherein said deformation preventer traverses both horizontally and vertically across the top and bottom surfaces of said insert conductor.

24. (withdrawn): A method of producing a brush holder used in a vehicle charging system, the method comprising:

stamping a single sheet of metal to produce an insert conductor with a plurality of wires connected to an outer frame;

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/045,799

providing a deformation preventer across both top and bottom surfaces of said insert conductor, wherein at least a portion of the deformation preventer is disposed across at least some of the wires;

cutting said wires from the frame at a boundary of the deformation preventer, wherein during said cutting the deformation preventer prevents the cut wires from being deformed.

25. (withdrawn): A method as claimed in claim 24, further comprising:

coating said insert conductor and said deformation preventer, including end portions of the cut wires located at the boundary of the deformation preventer, with a protective coating.

26. (withdrawn): A method as claimed in claim 25 wherein the protective coating and the deformation preventer are both formed using insert resin molding.